

Matthew Taruno

MACHINE LEARNING ENGINEER

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I have always been intrigued by how the world works. Data enables me to dig into patterns of what is really going on to discover phenomena and solve hard problems. This is what I love about statistics and it has driven me to endlessly master my craft in data science tools and machine learning. I love unraveling and sharing with others the value-packed story the data tells.

EXPERIENCE

Management Intern | TokoPandai

JAN 2019 - Present, JAKARTA, INDONESIA

- Significantly improved ID card processing speeds and reduced workforce requirement by creating a Flask web tool to automate image to tabular data entry with OpenCV.
- Promoted the company's application through informal and formal presentations to grocery stores throughout Indonesia and to Mitsui investors in the Japanese Trade Organization summit.

Data Science Intern | Hindsight Solutions

JANUARY - MAY 2020, NEW JERSEY, NY

- Improved the training of an NLP web recommender system by cleaning and preprocessing a corpus of web articles using regular expressions and Beautiful Soup.

Marketing and Data Intern | Walnut Media

MAY - JUNE 2019, BEIJING, CHINA

- Performed A/B testing for market segmentation utilizing Google Analytics.
- Produced marketing strategies for Chinese and Indonesian markets.

EDUCATION

BrainStation | Diploma Candidate, Data Science

MAY - AUGUST 2020, ONTARIO, CA

University of Rochester | Bachelors in Data Science, Minor in Computer Science and Business

MAY 2017 – 2021, ROCHESTER, NY

GPA: 3.18, Philanthropy Chair Alpha Kappa Psi, Men's Club Basketball

SKILLS

R, SQL, Tableau, Excel, Java, Machine Learning, Deep Learning, Natural Language Processing, Statistics, and Python for Data Science

PROJECTS

African Immigrant Real Wages | Individual Project

APRIL - MAY 2020, ECONOMETRICS (<https://github.com/mtaruno/Immigrant-Wages>)

- Investigated the effect of human capital on earnings of African immigrants in Stata by cleaning, replicating, and running my own linear regression on the data.

Invoice Payment Reliability Predictor | Leader

APRIL 2019, PREDICTIVE ANALYTICS

- Used machine learning algorithms on transaction data to create a predictor for distributors to assess how reliable the traditional trade store will be in paying their invoice payments with Python and SQL.